

REMARKS

Claims 1–28 are pending in the application, as amended. Claims 7–9, 12, 13, 16 and 17 are in their original form. Claims 1–6, 10, 11, 14, 15 and 18–26 have been amended. Applicants have added new claims 27–28. After receiving the Notice of Allowance mailed August 18, 2004, Applicants noted some errors in the claims and specification. Applicants have therefore filed the present amendment and RCE to correct the noted errors.

Claim 1 has been amended to clarify the sub-nozzle holes (supported in the specification at least at page 7, lines 1–4) and replace “first circle” with “sphere” and “second circle” with “upper circle” (supported in the specification at least at page 8, line 22 – page 9, line 5). Similarly, claims 2 and 3 have been amended to clarify the position of the sub-nozzle holes (supported in the specification at least at page 9, lines 4–7). Claim 4 has been amended to depend on claim 1 instead of claim 3 and further clarifies the position of the sub-nozzle holes (page 9, lines 13–17 and Fig. 1A). Claim 5 has been amended by further clarifying the position of the sub-nozzle holes (page 10, lines 6–10 and Fig. 1B). Claim 6 has been amended to depend on claim 1 instead of claim 5 and further clarify the orientation of the sub-nozzle holes (page 10, lines 10–17 and Fig. 1D). Claims 10 and 11 have been amended to clarify the position and orientation of the side grooves (page 11, lines 9–12 and Fig. 2A). Claim 14 has been amended by clarifying the location and orientation of the side grooves (Figs. 7A and 7B). Claim 15 has been amended to clarify the orientation of the sub-nozzle holes (page 10, lines 10–17 and Fig. 1D). Claim 18 has been amended by clarifying the location and orientation of the side grooves (Figs. 7A and 7B). Claim 19 has been amended to clarify the orientation of the sub-nozzle holes (Figs. 1B and 7B). Claims 20 and 21 have been amended and are supported in the drawings at least at Figs. 1D and 7D. Claim 22 has been amended and is supported in the specification at least at page 13, lines 12–14. Claim 23 has been amended and is supported in the specification at least at page 11, lines 6–8. Claim 24 has been amended and is supported in the specification at least at page 11, lines 9–10, and Figs. 1B and 7B. Claim 25 and 26 are original claims 23 and 24, respectively, amended to depend on claim 1 instead of claim 9. Claims 27 and 28 are original claims 25 and 26, respectively. No new matter has been added by the amendments.

The specification has been amended to correct errors noted by the Applicants. A substitute specification along with a marked-up copy showing changes are attached. No new matter has been added in the substitute specification.

Please note that this Amendment is being filed to correct errors noted by the Applicants and not for purposes of patentability. The amendments made will not limit the scope of the claims under the Doctrine of Equivalents.

CONCLUSION

In view of the above Amendments it is respectfully submitted that the present application, including claims 1–28, is in condition for allowance.

Respectfully submitted,

KOICHI FUNAKI *et al.*

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By: Martin G. Belisario

MARTIN G. BELISARIO

Registration No. 32,886

AKIN GUMP STRAUSS HAUER & FELD LLP

One Commerce Square
2005 Market Street, Suite 2200
Philadelphia, PA 19103-7013
Telephone: 215-965-1200
Direct Dial: 215-965-1303
Facsimile: 215-965-1210
E-Mail: mbelisario@akingump.com

MGB/JHC/nywp